

Permit to Operate

FACILITY: C-705

EXPIRATION DATE: 11/30/200

LEGAL OWNER OR OPERATOR: J R SIMPLOT COMPANY

MAILING ADDRESS: PO BOX 128
HELM, CA 93627

FACILITY LOCATION: 12688 S COLORADO AVE
HELM, CA 93627

FACILITY DESCRIPTION: FERTILIZER PRODUCTION

The Facility to Operate may include Facility-wide Requirements as well as requirements that apply to specific permit units.

The Permit to Operate remains valid through the permit expiration date listed above, subject to payment of annual permit fees and compliance with permit conditions and all applicable local, state, and federal regulations. This permit is valid only at the location specified above, and becomes void upon any transfer of ownership or location. Any modification of the equipment or operation, as defined in District Rule 2201, will require prior District approval. This permit shall be posted as prescribed in District Rule 2010.

DAVID L. CROW

Executive Director / APCO

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Director of Permit Services

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-0-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

PERMIT UNIT REQUIREMENTS

1. The owner or operator shall notify the District of any breakdown condition as soon as reasonably possible, but no later than one hour after its detection, unless the owner or operator demonstrates to the District's satisfaction that the longer reporting period was necessary. [District Rule 1100, 6.1; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
2. The District shall be notified in writing within ten days following the correction of any breakdown condition. The breakdown notification shall include a description of the equipment malfunction or failure, the date and cause of the initial failure, the estimated emissions in excess of those allowed, and the methods utilized to restore normal operations. [District Rule 1100, 7.0; County Rules 110 (Fresno, Stanislaus, San Joaquin); 109 (Merced); 113 (Madera); and 111 (Kern, Tulare, Kings)]
3. The owner or operator of any stationary source operation that emits more than 25 tons per year of nitrogen oxides or reactive organic compounds, shall provide the District annually with a written statement in such form and at such time as the District prescribes, showing actual emissions of nitrogen oxides and reactive organic compounds from that source. [District Rule 1160, 5.0]
4. Any person building, altering or replacing any operation, article, machine, equipment, or other contrivance, the use of which may cause the issuance of air contaminants or the use of which may eliminate, reduce, or control the issuance of air contaminants, shall first obtain an Authority to Construct (ATC) from the District unless exempted by District Rule 2020 (7/21/94). [District Rule 2010, 3.0 and 4.0; 2020; and County Rule 201 (in all eight counties in the San Joaquin Valley)]
5. The permittee must comply with all conditions of the permit including permit revisions originated by the District. All terms and conditions of a permit that are required pursuant to the Clean Air Act (CAA), including provisions to limit potential to emit, are enforceable by the EPA and Citizens under the CAA. Any permit noncompliance constitutes a violation of the CAA and the District Rules and Regulations, and is grounds for enforcement action, for permit termination, revocation, reopening and reissuance, or modification; or for denial of a permit renewal application. [District Rules 2070, 7.0; 2080; and 2520, 9.9.1 and 9.13.1]
6. A Permit to Operate or an Authority to Construct shall not be transferred unless a new application is filed with and approved by the District. [District Rule 2031]
7. Every application for a permit required under Rule 2010 (12/17/92) (Permits Required) shall be filed in a manner and form prescribed by the District. [District Rule 2040]
8. The operator shall maintain records of required monitoring that include: 1) the date, place, and time of sampling or measurement; 2) the date(s) analyses were performed; 3) the company or entity that performed the analysis; 4) the analytical techniques or methods used; 5) the results of such analysis; and 6) the operating conditions at the time of sampling or measurement. [District Rule 2520, 9.5.1]
9. The operator shall retain records of all required monitoring data and support information for a period of at least 5 years from the date of the monitoring sample, measurement, or report. Support information includes copies of all reports required by the permit and, for continuous monitoring instrumentation, all calibration and maintenance records and all original strip-chart recordings. [District Rule 2520, 9.5.2]
10. The operator shall submit reports of any required monitoring at least every six months unless a different frequency is required by an applicable requirement. All instances of deviations from permit requirements must be clearly identified in such reports. [District Rule 2520, 9.6.1]
11. Deviations from permit conditions must be promptly reported, including deviations attributable to upset conditions, as defined in the permit. For the purpose of this condition, promptly means as soon as reasonably possible, but no later than 10 days after detection. The report shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All required reports must be certified by a responsible official consistent with section 10.0 of District Rule 2520(6/15/95) [District Rules 2520, 9.6.2 and 1100, 7.0]
12. If for any reason a permit requirement or condition is being challenged for its constitutionality or validity by a court of competent jurisdiction, the outcome of such challenge shall not affect or invalidate the remainder of the conditions or requirements in that permit. [District Rule 2520, 9.8]
13. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. [District Rule 2520, 9.9.2]

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14. The permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. [District Rule 2520, 9.9.3]
15. The permit does not convey any property rights of any sort, or any exclusive privilege. [District Rule 2520, 9.9.4]
16. The Permittee shall furnish to the District, within a reasonable time, any information that the District may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the District copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to EPA along with a claim of confidentiality. [District Rule 2520, 9.9.5]
17. The permittee shall pay annual permit fees and other applicable fees as prescribed in Regulation III of the District Rules and Regulations. [District Rule 2520, 9.10]
18. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to enter the permittee's premises where a permitted source is located or emissions related activity is conducted, or where records must be kept under condition of the permit. [District Rule 2520, 9.14.2.1]
19. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit. [District Rule 2520, 9.14.2.2]
20. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to inspect at reasonable times any facilities, equipment, practices, or operations regulated or required under the permit. [District Rule 2520, 9.14.2.3]
21. Upon presentation of appropriate credentials, a permittee shall allow an authorized representative of the District to sample or monitor, at reasonable times, substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [District Rule 2520, 9.14.2.4]
22. No air contaminants shall be discharged into the atmosphere for a period or periods aggregating more than 3 minutes in any one hour which is as dark or darker than Ringelmann #1 or equivalent to 20% opacity and greater, unless specifically exempted by District Rule 4101 (12/17/92), by using EPA method 9. If the equipment or operation is subject to a more stringent visible emission standard as prescribed in a permit condition, the more stringent visible emission limit shall supersede this condition. [District Rule 4101, and County Rules 401 (in all eight counties in the San Joaquin Valley)]
23. No person shall supply, sell, solicit or apply any architectural coating, except specialty coatings, that contains more than 250 grams of VOC per liter of coating (less water and exempt compounds, and excluding any colorant added to tint bases), or manufacture, blend, or repackage such coating with more than 250 grams of VOC per liter (less water and exempt compounds, and excluding any colorant added to tint bases) for use within the District. [District Rule 4601, 5.1]
24. No person shall apply, sell, solicit, or offer for sale any specialty architectural coating listed in the Table of Standards (District Rule 4601, Table 1 (12/17/92)), nor manufacture, blend, or repackage such coating for use within the District, which contains VOCs (less water and exempt compounds, excluding any colorant added to tint bases) in excess of the specified limits listed in Table 1 of Rule 4601 (12/17/92). [District Rule 4601, 5.2]
25. All VOC-containing materials shall be stored in closed containers when not in use. In use includes, but is not limited to: being accessed, filled, emptied, maintained or repaired. [District Rule 4601, 5.4]
26. A person shall not use VOCs for the cleanup of spray equipment unless equipment for collection of the cleaning compounds and minimizing its evaporation to the atmosphere is used. [District Rule 4601, 5.5]
27. The permittee shall comply with all the Labeling and Test Methods requirements outlined in Rule 4601 sections 6.1 and 6.2 (12/17/92). [District Rule 4601, 6.1 and 6.2]
28. With each report or document submitted under a permit requirement or a request for information by the District or EPA, the permittee shall include a certification of truth, accuracy, and completeness by a responsible official. [District Rule 2520, 9.14.1 and 10.0]
29. If the permittee performs maintenance on, or services, repairs, or disposes of appliances, the permittee shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. [40 CFR 82 Subpart F]
30. If the permittee performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), the permittee shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart F. [40 CFR Part 82, Subpart F]
31. Disturbances of soil related to any construction, demolition, excavation, extraction, or water mining activities shall comply with the requirements for fugitive dust control in SJVUAPCD District Rule 8020 (4/25/96) unless specifically exempted under section 4 of Rule 8020 (4/25/96). [District Rule 8020]
32. Outdoor handling and storage of any bulk material which emits dust shall comply with the requirements of SJVUAPCD Rule 8030 (4/25/96), unless specifically exempted under section 4 of Rule 8030 (4/25/96). [District Rule 8030]

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33. Any paved road over 3 miles in length, and any unpaved roads over half a mile in length, constructed after December 10, 1993 shall use the design criteria and dust control measures of, and comply with the administrative requirements of, SJVUAPCD Rule 8060 (4/25/96) unless specifically exempted under section 4 of Rule 8060 (4/25/96). [District Rule 8060]
34. Any owner or operator of a demolition or renovation activity, as defined in 40 CFR 61.141, shall comply with the applicable inspection, notification, removal, and disposal procedures for asbestos containing materials as specified in 40 CFR 61.145 (Standard for Demolition and Renovation). [40 CFR 61 Subpart M]
35. The permittee shall submit certifications of compliance with the terms and standards contained in Title V permits, including emission limits, standards and work practices, to the District and the EPA annually (or more frequently as specified in an applicable requirement or as specified by the District). The certification shall include the identification of each permit term or condition, the compliance status, whether compliance was continuous or intermittent, the methods used for determining the compliance status, and any other facts required by the District to determine the compliance status of the source. [District Rule 2520, 9.17]
36. The permittee shall submit an application for Title V permit renewal to the District at least six months, but not greater than 18 months, prior to the permit expiration date. [District Rule 2520, 5.2]
37. When a term is not defined in a Title V permit condition, the definition in the rule cited as the origin and authority for the condition in a Title V permit shall apply. [District Rule 2520, 9.1.1]
38. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following outdated SIP requirements: Rule 401 (Madera, Fresno, Kern, Kings, San Joaquin, Stanislaus, Tulare and Merced), Rule 110 (Fresno, Stanislaus, San Joaquin), Rule 109 (Merced), Rule 113 (Madera), Rule 111 (Kern, Tulare, Kings), Rules 201, 202, 203, 204, 208, and 209 (Fresno, Kern, Tulare, Kings, Madera, Stanislaus, Merced, San Joaquin), Rule 410.1 (Kern), and Rule 423 (Kern, Fresno, Stanislaus, San Joaquin). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
39. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements: SJVUAPCD Rules 1100, sections 6.1 and 7.0 (12/17/92); 2010, sections 3.0 and 4.0 (12/17/92); 2031 (12/17/92); 2040 (12/17/92); 2070, section 7.0 (12/17/92); 2080 (12/17/92); 4101 (12/17/92); 4601, sections 5.1, 5.2, 5.4, 5.5, 6.1, and 6.2 (12/17/92); 8020 (4/25/96); 8030 (4/25/96); 8060 (4/25/96); A permit shield is granted from these requirements. [District Rule 2520, 13.2]
40. No air contaminant shall be released into the atmosphere which causes a public nuisance. [District Rule 4102]
41. This facility is subject to 40 CFR part 68. The facility shall submit a risk management plan (RMP) by June 21, 1999, or other dates specified in 40 CFR 68.10. The facility shall certify compliance with these requirements as part of the annual compliance certification as required by 40 CFR part 70. [40 CFR 68], [Federally Enforceable Through Title V]
42. On October 6, 2000, the initial Title V permit was issued, the reporting period of the Report of Required Monitoring and the Compliance Certification Report are based upon this initial permit issuance date, unless alternative dates are approved by the District Compliance Division. These reports are due within 30 days of the end of reporting period. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-1-2

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

71.4 MMBTU/HR UNION IRON WORKS, MODEL SPG-50-FS, NATURAL GAS FIRED BOILER WITH LOW-NOX BURNER AND FLUE GAS RECIRCULATION (FGR), AND ALTERNATE EMISSIONS MONITORING (SCHEME B)

PERMIT UNIT REQUIREMENTS

1. This boiler shall be fired exclusively on PUC quality natural gas. [District NSR Rule], [Federally Enforceable Through Title V]
2. NOx emissions shall not exceed 30 ppmv @ 3% O2. [District Rule 4305, 4351, and District NSR Rule], [Federally Enforceable Through Title V]
3. CO emissions shall not exceed 200 ppmv @ 3% O2. [District Rule 4305 and District NSR Rule], [Federally Enforceable Through Title V]
4. Emissions shall not exceed any of the following limits: 0.0076 lb-PM10/MMBtu, 0.0006 lb-SOx/MMBtu, or 0.0055 lb-VOC/MMBtu. [District NSR Rule], [Federally Enforceable Through Title V]
5. Natural gas annual heat input shall not exceed 9 billion Btu per calendar year. [District Rule 4351]
6. Owner/operator shall install and maintain a non-resettable, totalizing mass or volumetric flow meter in each fuel line to each unit, or shall install a master meter which measures fuel to all units in a group of similar units. [District Rule 4305 and 4351]
7. Owner/operator shall have boiler tuned at least once each calendar year in which it operates by a technician that is qualified, to the satisfaction of the APCO, in accordance with the procedure described in Rule 4304 (Equipment Tuning Procedure for Boilers, Steam Generators, and Process Heaters). [District Rule 4351]
8. Source testing shall be conducted once every 12 months, and at least once every 36 months thereafter upon demonstrating compliance on 2 consecutive annual source testing. [District Rule 4305, District Rule 4351, and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
9. Source testing shall be conducted using the methods and procedures approved by the District. The District must be notified 30 days prior to any compliance source test, and a source test plan must be submitted for approval 15 days prior to testing. [District Rule 1081], [Federally Enforceable Through Title V]
10. The results of each source test shall be submitted to the District within 60 days thereafter. [District Rule 1081], [Federally Enforceable Through Title V]
11. Source testing to measure NOx emissions (ppmv) shall be conducted using EPA Method 7E or ARB Method 100. [District Rule 4305, 4351, and 1081], [Federally Enforceable Through Title V]
12. Source testing to measure CO emissions (ppmv) shall be conducted using EPA Method 10 or ARB Method 100. [District Rule 4305, 4351, and 1081], [Federally Enforceable Through Title V]
13. Source testing to measure stack gas oxygen concentration shall be conducted using EPA Method 3 or 3A, or CARB Method 100. [District Rule 4305, 4351, and 1081], [Federally Enforceable Through Title V]
14. Sampling facilities for source testing shall be provided in accordance with the provisions of Rule 1081 (Source Sampling). [District Rule 1081], [Federally Enforceable Through Title V]
15. The acceptable minimum flue gas recirculation rate shall be established by testing emissions from this unit or other representative units as approved by the district. The acceptable flue gas recirculation rate shall be the minimum flue gas recirculation rate with which compliance with applicable NOx and CO emissions limits have been demonstrated through source testing at a similar firing rate. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
16. The flue gas recirculation rate shall be determined at least on a weekly basis by measuring the stack temperature (Ts), windbox temperature (Tw), and ambient temperature (Ta) and using the following equation: $FGR\ rate = \{(Tw - Ta) / (Ts - Ta)\} \times 100\%$. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
17. The permittee shall maintain records of the date and time of temperature measurements, the measured temperatures, and the calculated flue gas recirculation rate. The records shall also include a description of any corrective action taken to maintain the flue gas recirculation rate above the minimum acceptable rate. These records shall be retained at the facility and shall be made available for District inspection upon request. [District Rule 4305 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

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18. If the flue gas recirculation rate is less than the acceptable level, the permittee shall notify the District and take corrective action within one (1) hour after detection. If the flue gas recirculation rate is not corrected promptly, the permittee shall conduct an emissions test within 60 days, utilizing District-approved test methods, to demonstrate compliance with the applicable emissions limits at the lower flue gas recirculation rate. [District Rule 4305 District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
19. Owner/operator shall record natural gas fuel use on a monthly basis. [District Rule 4305]
20. Particulate matter emissions shall not exceed 0.1 grain/dscf at operating conditions, nor 0.1 grain/dscf calculated to 12% CO₂, nor 10 lb/hr. [District Rule 4201 and District Rule 4301, 5.1 and 5.2.3], [Federally Enforceable Through Title V]
21. Nitrogen oxide (NO_x) emissions shall not exceed 140 lb/hr. [District Rule 4301, 5.2.2], [Federally Enforceable Through Title V]
22. Emissions of sulfur compounds from this unit shall not exceed 200 lb per hour, calculated as SO₂. [District Rule 4301, 5.2.1], [Federally Enforceable Through Title V]
23. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. To demonstrate compliance with this requirement, the unit shall be fired on PUC-regulated natural gas or on natural gas with sulfur content not exceeding 4.2% by weight. [County Rule 406 and Rule 4801], [Federally Enforceable Through Title V]
24. If the unit is fired on PUC-regulated natural gas, then the operator shall maintain copies of fuel invoices and supplier certification of fuel sulfur content. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
25. If the unit is fired on noncertified gaseous fuel and compliance with SO_x emission limits is achieved through fuel sulfur content limitations, then the sulfur content of the gaseous fuel being fired in the unit shall be determined using ASTM D 1072-80, D 3031-81, D 4084-82, D 3246-81 or grab sample analysis by GC-FPD/TCD performed in the laboratory. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
26. When determining sulfur emissions by fuel analysis, each fuel source shall be tested weekly for sulfur content and higher heating value. If compliance with the fuel sulfur content limit and sulfur emission limits has been demonstrated for 8 consecutive weeks for a fuel source, then the fuel testing frequency shall be semi-annually. If a semi-annual fuel content source test fails, weekly testing shall resume. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
27. Emissions for this unit shall be calculated using the arithmetic mean, pursuant to District Rule 1081 (Amended December 16, 1993), of 3 forty-minute test runs for NO_x and CO. This mean shall be multiply by the appropriate factor. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-2-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

469.0 HP CATERPILLAR MODEL 3406 DIESEL-FIRED EMERGENCY INTERNAL COMBUSTION ENGINE DRIVING A 313 KVA ELECTRICAL GENERATOR

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
12. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District NSR Rule], [Federally Enforceable Through Title V]
13. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes, shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
14. The permittee shall maintain records of hours of non-emergency operation and of the sulfur content of the diesel fuel used. Such records shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-3-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

50.3 MMBTU/HR NITRIC ACID PLANT, 200 TPD 100% HNO₃, WITH STEAM TURBINE, AIR COMPRESSOR, TAIL GAS EXPANDER, AMMONIA VAPORIZER AND SUPERHEATER, CONVERTER (NH₃ TO NO) AND TAIL GAS HEATER, ABSORBER (NO TO HNO₃), AND COMBUSTOR (NO₂ TO N₂) FOR EMISSIONS.

PERMIT UNIT REQUIREMENTS

1. Nitric acid plant consists of: One 6.87 MMBtu/hr natural gas fired catalyst preheater and one 17,000 gallon tank for collection of weak nitric acid, to be used during plant start-up. [District NSR Rule], [Federally Enforceable Through Title V]
2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
3. NO₂ emissions shall not exceed 180 ppm three-hour average as determined by continuous monitor and recording equipment certified to 40 CFR 60, Appendix B Performance Specification 2. [District NSR Rule, District Rule 1080, 40 CFR 60.72(a), and 40 CFR 60.73], [Federally Enforceable Through Title V]
4. When the plant is operating, the monitors shall be inspected for zero drift and span drift per 40 CFR 60.13d. Reanalyze zero and span gases per 40 CFR 60.13d (July 1, 1977). [40 CFR 60.13 (d) and 60.73 (a)], [Federally Enforceable Through Title V]
5. Permittee shall record daily production rate and emission data. Records shall be retained and provided to the District upon request. [District Rule 2520, 9.4.2 and 40 CFR 60.73(c)], [Federally Enforceable Through Title V]
6. Permittee shall submit quarterly reports to the District and EPA, Region IX, no later than 30 days following the end of each calendar quarter, on excess emissions and monitor failures. The periods of excess emissions shall be defined in accordance with 40 CFR 60.73 (e). The report shall comply with all of the requirements of the District rules. [40 CFR 60.73 (e) and District Rule 1080, 8.0], [Federally Enforceable Through Title V]
7. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
8. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Fresnoe County Rule 406 and District Rule 4801], [Federally Enforceable Through Title V]
9. Any gases discharged from this unit shall not exhibit 10% opacity, or greater. [40 CFR 60.72 (a)], [Federally Enforceable Through Title V]
10. The owner or operator shall establish a conversion factor for the purpose of converting monitoring data into units of applicable standard (lb/ton of 100% HNO₃ produced). The conversion factor shall be obtained according to procedures and methods specified in 40 CFR 60.73 (b) and shall be reestablished during any performance test under 40 CFR 60.8 or any continuous emission monitoring system performance evaluation under 40 CFR 60.13 (c). [40 CFR 60.73 (b)], [Federally Enforceable Through Title V]
11. A violation of emission standards of this permit, as shown by the stack-monitoring system, shall be reported to the district within 96 hours. [District Rule 1080, 9.0], [Federally Enforceable Through Title V]
12. The operator shall notify the district at least 24 hours prior to the shutting down of monitoring equipment. In the event of breakdown of monitoring equipment, the owner or the operator shall notify the district within 8 hours after the breakdown is detected. [District Rule 1080, 10.0], [Federally Enforceable Through Title V]
13. The continuous NO_x monitor shall meet the applicable performance specification requirements in 40 CFR Part 51, Appendix P, and Part 60, Appendix B or shall meet equivalent specifications established by mutual agreement of District, ARB, and the EPA. [District Rule 1080, 6.5], [Federally Enforceable Through Title V]
14. Visible emission inspection shall be performed weekly. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be correct within 24 hours, a visible emissions test using USEPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
15. Records of inspection shall be maintained, kept, and made available to the District upon request. The record shall at least include equipment description, date and time of inspection, any corrective action taken, and identification of the individual performing an inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-4-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

CALCIUM AMMONIUM NITRATE (CAN-17) PLANT WITH 100 TON LIMESTONE STORAGE BIN SERVED BY FLEX KLEEN GJ-115 BAGHOUSE, SCREW CONVEYOR, DISSOLVER, NEUTRALIZER, 2 SCRUBBERS, SCRUBBER TANK, ENTRAINMENT SEPARATOR, 4 SETTLING TANKS, 2 STORAGE TANKS, SLUDGE TANK AND ASSOCIATED PUMPS.

PERMIT UNIT REQUIREMENTS

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1. Production rate shall be limited to 500 tons/day of liquid fertilizer solution. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Emissions from limestone storage silo baghouse shall not exceed 0.02 gr/scf. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Emissions from CAN-17 process shall not exceed any of the following: PM10: 0.004 lb/ton; ammonia: 0.0005 lb/ton; or nitric acid: 0.0039 lb/ton. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
 5. Fan air pressure shall be maintained in the range of 9 to 10" w.c. to sufficiently pull fumes from the dissolver and neutralizer to the primary scrubber. [District NSR Rule], [Federally Enforceable Through Title V]
 6. Primary scrubber shall be equipped with a manometer to measure the relative gauge pressure inside the vessel. [District NSR Rule], [Federally Enforceable Through Title V]
 7. Daily records of liquid fertilizer solution production shall be maintained on site and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 9. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 10. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 11. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 12. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 13. Weekly records of pressure drop across the scrubbers and the flow rate of scrubber liquid shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-5-3

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

LIQUID AMMONIUM PHOSPHATE (10-34-0) UNIT INCLUDING REACTOR VESSEL, SECONDARY SCRUBBER, CENTRIFUGAL FAN, HEAT EXCHANGERS, FOUR STORAGE TANKS, AND ASSOCIATED PUMPS.

PERMIT UNIT REQUIREMENTS

1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
3. Scrubber sprays and/or nozzles shall be maintained in optimum working condition. [District NSR Rule], [Federally Enforceable Through Title V]
4. The reactor vessel shall be operated to maintain a differential pressure between 2" and 6" w.c. to sufficiently scrub air pollutants from the waste gas stream. [District NSR Rule], [Federally Enforceable Through Title V]
5. The reactor vessel shall be equipped with a manometer to measure the relative gauge pressure inside the vessel. [District NSR Rule], [Federally Enforceable Through Title V]
6. Production rate shall be limited to 600 tons per day of liquid fertilizer solution. [District NSR Rule], [Federally Enforceable Through Title V]
7. Daily records of liquid fertilizer solution produced shall be maintained in order to verify compliance with the production rate limit. [District NSR Rule and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
8. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
9. Weekly records of pressure drop across the reactor vessel and the flow rate of scrubber liquid shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
10. Visible emissions shall be inspected quarterly during operation. If visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-6-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

190.0 HP AMMONIUM NITRATE PLANT INCLUDING AMMONIA VAPORIZER, NEUTRALIZER, SURGE TANK, SCRUBBER, CONDENSER, AND VENT SCRUBBER.

PERMIT UNIT REQUIREMENTS

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1. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 3. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 4. Daily records of liquid fertilizer solution production and hours of operation shall be maintained on site and shall be made available for District inspection upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 5. Weekly records of the flow rate of scrubber liquid shall be maintained and kept on the premises at all times. Operator shall perform weekly visual qualitative check to make sure that the scrubber liquid is adequately maintained. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-7-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

1,385.0 HP BALL MILL WITH BALL MILL DRIVE, FEEDER AND DISCHARGE ELEVATORS, HOISTS, CONVEYORS, AIRSLIDE BLOWER, NORBLO FAN, SEPARATOR, GENERATOR, AND FEEDERS SERVED BY A 20,000 CFM BAGHOUSE.

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed 0.1 grains/dscf in concentration. [District Rule 4201], [Federally Enforceable Through Title V]
 2. All equipment shall be maintained in good operating condition and shall be operated in a manner to minimize emissions of air contaminants into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Material removed from dust collector(s) shall be disposed of in a manner preventing entrainment into the atmosphere. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 5. A daily record of material throughput shall be maintained, kept, and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Permittee shall perform a complete inspection of the baghouse and its components on an annual basis. Dust collector filters shall be inspected thoroughly for tears, scuffs, abrasions, holes, or any evidence of particulate matter breakthrough and shall be replaced as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Visible emissions shall be inspected quarterly during operation if visible emissions are observed, corrective action shall be taken to eliminate visible emissions. If visible emissions cannot be corrected within 24 hours, a visible emissions test using EPA Method 9 shall be conducted. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 8. Records of dust collector maintenance, inspections, and repair shall be maintained. The records shall include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-8-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

500 GALLON CONVAULT D-500 ABOVEGROUND STORAGE TANK WITH COAXIAL PHASE I VAPOR RECOVERY SYSTEM (G-70-116) WITH ONE GASOLINE DISPENSING NOZZLE (EXEMPT FROM PHASE II VAPOR RECOVERY SYSTEM REQUIREMENTS).

PERMIT UNIT REQUIREMENTS

1. Nozzles shall be operated in a manner preventing the spilling of liquid gasoline during the refueling of motor vehicles. [District NSR Rule], [Federally Enforceable Through Title V]
2. Pressure/Vacuum relief valves shall be maintained operational at all times. [District Rule 4621, 5.1.2.3], [Federally Enforceable Through Title V]
3. Records of monthly gasoline throughput shall be maintained, retained on the premises for a period of at least five years and as long as exempt status is claimed. These records shall be made available for District inspection upon request and allow the gasoline throughput for any 30-day period to be continuously determined. [District Rule 2520, 9.5.2 and 4622, 6.1.1], [Federally Enforceable Through Title V]
4. The vapor recovery systems and their components shall be installed, operated, and maintained in accordance with the State certification requirements. [District Rules 4621 and 4622], [Federally Enforceable Through Title V]
5. Total gasoline throughput for the facility shall not exceed 10,000 gallons per any consecutive 30-day period nor 24,000 gallons per calendar year. [District Rule 4622, 4.1, Exemptions], [Federally Enforceable Through Title V]
6. If the gasoline throughput exceeds either 10,000 gallons per any consecutive 30-day period or 24,000 gallons per calendar year, then the facility shall notify the District within 30 days. [District Rule 4622, 6.1.2], [Federally Enforceable Through Title V]
7. The transfer of gasoline from any delivery vessel to the storage container with 250 gallon capacity or more shall not be allowed unless the container is equipped with a permanent submerged fill pipe and an ARB certified Phase I system, which is maintained and operated according to manufacturers specifications. [District Rule 4621, 5.1.1], [Federally Enforceable Through Title V]
8. Compliance with the requirement of the Phase I system to be 95% effective for displaced vapors is considered to be demonstrated by passing performance tests, at least once every 5 years from the date of the most recent test or at more frequent intervals, as specified by the ARB Executive Order certifying the system. Facilities that have not been performance tested previously, using the following applicable methods, shall be tested in accordance with BAAQMD Source Test Procedure ST-30 (Static Leak Test Procedure Underground Tanks) or ST-38 (Static Leak Test Procedure Aboveground Tanks) no later than 90 days of issuance of this permit. [District Rules 2520, 9.4.2], [Federally Enforceable Through Title V]
9. The aboveground storage tank shall be equipped with a pressure-vacuum relief valve set at eight ounce per square inch. No gasoline shall be placed, stored, or held in any above-ground tank of 250 gallon capacity or more unless it is so equipped. [District Rule 4621, 5.1.2], [Federally Enforceable Through Title V]
10. No gasoline delivery vessel shall be operated or be allowed to operate unless valid State of California decals are displayed on the cargo tank which attest to the vapor integrity of the tank. [District Rule 4621, 5.2.1], [Federally Enforceable Through Title V]
11. No gasoline shall be transferred into any gasoline stationary storage tank subject to this permit if the vapor recovery system contains an inoperative dry break until it is repaired, replaced, or adjusted as necessary to correct the defect. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
12. The above ground storage tank shall be constructed and maintained free of leaks. Tank shall be inspected at least annually and if any leaks are found during an annual inspection, the inspection frequency shall be changed from annually to quarterly. Any leaks that are found during the inspection shall be repaired within seven (7) working days after the leak is found. If the unit is subsequently found to be free of leaks during five consecutive quarterly inspections, then the inspection frequency shall return to annually. [District Rule 4621, 5.1.3], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-10-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

157 HP DETROIT DIESEL, MODEL PDFP-L6YW-2506 DIESEL-FIRED INTERNAL COMBUSTION ENGINE DRIVING AN EMERGENCY FIRE WATER PUMP.

PERMIT UNIT REQUIREMENTS

1. Sulfur compound emissions shall not exceed 0.2% by volume, 2000 ppmv, on a dry basis averaged over 15 consecutive minutes. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
2. Particulate matter emissions shall not exceed 0.1 gr/dscf in concentration at the point of discharge. [District Rule 4201; Rule 402 (Madera) and 404 (all 7 remaining counties in the San Joaquin Valley)]
3. Unit shall be fired only on diesel fuel with a sulfur content of less than 0.05% by weight. [Rule 404 (Madera), 406 (Fresno) and 407 (6 remaining counties in the San Joaquin Valley)]
4. If the IC engine is fired on Air Resources Board regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, the operator shall maintain copies of all fuel invoices and supplier certifications. [District Rule 2520, 9.4.2]
5. If the IC engine is not fired on ARB regulated diesel fuel, with a supplier certified sulfur content less than 0.05% by weight, then the owner or operator shall determine the sulfur content of each delivery of diesel fuel being fired in the IC engine. The sulfur content shall be determined using ASTM method D 2880-71. [District Rule 2520, 9.4.2]
6. Records of operating hours shall be kept for units operating less than 200 hours per year. [District Rule 2520, 9.4.2]
7. On all units which are not emergency or backup IC engines operating less than 200 hours per year, operator shall perform a source test for particulate emissions within 6 months of the initial Title V permit issuance. A source test for particulate emissions conducted within the 24 months prior to permit issuance shall be considered compliance with this testing requirement. Source testing for particulate matter shall be performed according to EPA Method 5, stack gas velocity by EPA Method 2, and the stack gas moisture content by EPA Method 4. If the initial PM test result is less than or equal to 0.06 grain/dscf, then testing shall occur not less than once every 5 years. Otherwise testing shall occur not less than once every 24 months. [District Rule 2520, 9.4.2]
8. Test results from an engine that represents a group of engines in terms of rated brake horsepower, engine make and series, operational conditions, fuel used, and control method, shall satisfy testing requirements provided this group of engines is owned and operated by a single owner/operator. [District Rule 2520, 9.4.2]
9. The operator of an internal combustion (IC) engine shall maintain all records of required monitoring data and support information for inspection at any time for a period of five years. [District Rule 2520, 9.5.2]
10. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following applicable requirements of SJVUAPCD Rule 4201; Rule 404 (Madera), 406 (Fresno), and 407 (Kings, Merced, San Joaquin, Tulare, Kern, and Stanislaus). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
11. Compliance with permit conditions in the Title V permit shall be deemed compliance with the following subsumed requirements: Rules 402 (Madera) and 404 (Fresno, Merced, Kern, Kings, San Joaquin, Stanislaus, Tulare). A permit shield is granted from these requirements. [District Rule 2520, 13.2]
12. The engine shall be operated with the timing retarded four degrees from the manufacturer's standard recommended timing. [District NSR Rule], [Federally Enforceable Through Title V]
13. Engine shall be equipped with a turbocharger. [District NSR Rule], [Federally Enforceable Through Title V]
14. The engine shall be operated only for maintenance, testing, and required regulatory purposes, and during emergency situations. Operation of the engine for maintenance, testing, and required regulatory purposes, shall not exceed 200 hours per year. [District NSR Rule and District Rule 4701], [Federally Enforceable Through Title V]
15. The permittee shall maintain records of hours of non-emergency operation and of the sulfur content of the diesel fuel used. Such records shall be made available for District inspection upon request. [District Rule 1070 and District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit

San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-11-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

MONOAMMONIUM PHOSPHATE AND AMMONIUM PHOSPHATE DRY FERTILIZER STORAGE AND UNLOADING OPERATION WITH ENCLOSED CONVEYORS AND ELEVATORS.

PERMIT UNIT REQUIREMENTS

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1. Equipment for railcar unloading into storage building consists of a drag flight conveyor, bucket elevator, conveyor belt, conveyor belt brush, shuttle conveyor belt, and shuttle mover. [District NSR Rule], [Federally Enforceable Through Title V]
 2. Equipment for truck loading from storage consists of a drag conveyor, bucket elevator, and telescoping chute. [District NSR Rule], [Federally Enforceable Through Title V]
 3. Equipment for railcar to truck transfer consists of a screw conveyor, incline screw conveyor, and telescoping chute. [District NSR Rule], [Federally Enforceable Through Title V]
 4. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 5. A daily record of monoammonium and ammonium phosphate throughput shall be maintained, kept, and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 6. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 7. Records of inspection shall be maintained, kept, and made available to the District upon request. the record shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-12-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

AMMONIUM SULFATE AND UREA DRY FERTILIZER STORAGE AND UNLOADING OPERATION INCLUDING FOUR BELT CONVEYORS, TWO BUCKET ELEVATORS, TWO SHUTTLE CONVEYORS, CONDITIONER, AND SEVEN BLOW PIPES.

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 2. A daily throughput shall be recorded, maintained, and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 3. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. Records of inspection shall be maintained, kept, and made available to the District upon request. the record shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit
San Joaquin Valley
Air Pollution Control District

PERMIT UNIT: C-705-13-1

EXPIRATION DATE: 11/30/2004

EQUIPMENT DESCRIPTION:

72.5 HP UREA UNLOADING SHED INCLUDING RECEIVING HOPPER, ENCLOSED SCREW CONVEYOR, ENCLOSED BUCKET ELEVATOR, AIR SPARGED DAY TANK, AND ASSOCIATED PUMPS AND BLOWER.

PERMIT UNIT REQUIREMENTS

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1. Particulate matter emissions shall not exceed the hourly rate as calculated in District Rule 4202 using the equation $E = 3.59 \times P^{0.62}$; P is less than or equal to 30 tons per hour, or $E = 17.37 \times P^{0.16}$; P is greater than 30 tons per hour. [District Rule 4202], [Federally Enforceable Through Title V]
 2. A daily throughput of urea shall be recorded, maintained, and made available to the District upon request. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 3. Enclosures shall be completely inspected annually for evidence of particulate matter leaks and repaired as needed. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]
 4. Records of inspection shall be maintained, kept, and made available to the District upon request. the record shall at least include identification of the equipment, date of inspection, corrective action taken, and identification of the individual performing the inspection. [District Rule 2520, 9.4.2], [Federally Enforceable Through Title V]

Initial TV Permit